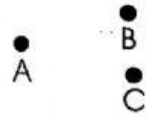
Name: _____ Date: _____

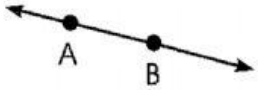
Identifying Lines and Parts of Lines

Points, Lines, and Angles

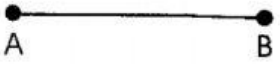
A **point** is a position in a plane or in space that has no dimensions. These points are named, or written, points A, B, and C, or point A, point B, and point C.



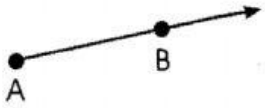
A **line** is a set of points in a straight path that extends infinitely in both directions. This line is named $\overleftrightarrow{AB}$ or $\overleftrightarrow{BA}$. Any two points on a line may be used to name it.



A **line segment** is a finite portion of a line that has two endpoints. This line segment is named $\overline{AB}$ or $\overline{BA}$. A segment must be named by its two endpoints.

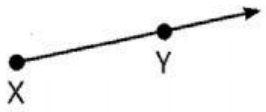


A **ray** is a portion of a line that extends from one endpoint infinitely in one direction. This ray is named $\overrightarrow{AB}$. The endpoint of a ray is written first, and any point on the ray may be used next.



Name each point, line, line segment, or ray.

1.



_____

2.



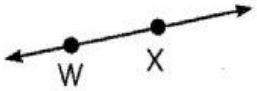
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3.



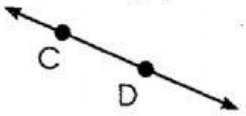
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4.



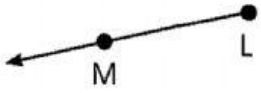
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5.



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6.



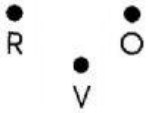
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7.



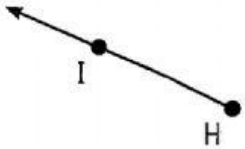
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8.



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9.



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LIVEWORKSHEETS